

CLAIMS

What is claimed is:

- 1 1. An apparatus for improved network printing comprising:
2 a plurality of client machines connected to a network;
3 a printer connected to the network by a network interface controller;
4 a printer server connected to the printer;
5 a printer controller connected to the network; and
6 a header analyzer embedded in a memory of the printer controller.
- 1 2. The apparatus of claim 1, wherein the network comprises a Local Area
2 Network.
- 1 3. The apparatus of claim 1, wherein the network comprises a Wide Area
2 Network.
- 1 4. The apparatus of claim 1, wherein the header analyzer is adapted to check
2 for any errors preventing proper printing in a print job transferred from the
3 network interface controller.
- 1 5. The apparatus of claim 1, wherein the header analyzer is adapted to fix any
2 errors preventing proper printing in a print job transferred from the network
3 interface controller.
- 1 6. A method of improved networked printing comprising:

2 ~~monitoring and repairing incoming print jobs from a network interface~~
3 controller connected to a network in a header analyzer embedded in a printer
4 controller; and
5 outputting the repaired print jobs to a printer.

1 7. An apparatus for improved networked printing comprising:
2 a plurality of client machines connected to a network;
3 a printer connected to the network by a network interface controller;
4 a printer server connected to the network;
5 a printer controller connected to the printer; and
6 a filter embedded into a memory of at least one of the plurality of
7 workstations.

1 8. The apparatus of claim 7, wherein the network comprises a Local Area
2 Network.

1 9. The apparatus of claim 7, wherein the network comprises a Wide Area
2 Network.

1 10. The apparatus of claim 7, wherein the filter is adapted to check for any
2 errors preventing proper printing in a print job before the print job is outputted to
3 the network.

1 11. The apparatus of claim 7, wherein the filter is adapted to fix any errors
2 preventing proper printing in a print job before the print job is outputted to the
3 network.

1 12. A method for improved network printing comprising:
2 filtering a print job prepared by each of the plurality of client machines in a
3 filter embedded in the plurality of client machines; and
4 printing the print job on a printer.

1 13. An apparatus for improved network printing comprising:
2 a plurality of client machines connected by a network;
3 a printer connected to the network by a network interface controller;
4 a printer server connected to the printer;
5 a printer controller connected to the printer; and
6 a header analyzer embedded in the memory of a networked component.

1 14. The apparatus of claim 13, wherein the networked component comprises
2 the printer.

1 15. The apparatus of claim 13, wherein the networked component comprises
2 the printer server.

16 The apparatus of claim 13, wherein the networked component comprises
the printer controller.